

FIRST ANNOUNCEMENT
AND CALL FOR PAPERS

DORIS DAYS

2-3 May 2000 - Toulouse - France

Congress Center Pierre Baudis



The DORIS system (Doppler Orbitography and Radio positioning Integrated by Satellite) was designed and developed by CNES, the National Geographic Institute, IGN (Institut Géographique National), and the Space Geodesy Research Group, GRGS (Groupe de Recherches de Géodésie Spatiale - CNES/CNRS/Université Paul Sabatier) to meet new needs for the precise determination of satellite positions on their orbits and for precise positioning of terrestrial beacons. This system has been carried since 1990 on the French SPOT 2 satellite, since 1992 on the French/American satellite TOPEX/POSEIDON, and since 1998 on the French SPOT 4 satellite.

It will be part of the JASON (CNES/NASA) and ENVISAT (ESA) altimetric missions and also the SPOT follow-on Earth observation missions.

DORIS is a radio-electrical system which takes Doppler measurements between a satellite in low orbit and a permanent global network for the purpose, on the one hand, of determining the satellite's position in orbit, and on the other hand, of locating ground beacons with a high degree of precision.



The DORIS days have been organised by CNES in partnership with the IGN, CLS and GRGS and with the sponsorship of the INSU, the IERS and commission VIII of the International Geodesy Association (CSTG : International Co-ordination of Space Techniques for Geodesy and Geophysics). The purpose of these days is to promote exchanges between different designers, operators and users of the DORIS system by presenting the results obtained since the system was placed in orbit. These results concern precise orbit determination and location with their respective applications, as well as all other spheres in which DORIS applications are used (gravitational field, ionosphere, troposphere...).

This second version of these Doris days will in particular be devoted to a review of the start-up of the Doris Pilot Experiment decided upon by the CSTG (IUGG, July 1999,

Birmingham) for the purpose of creating an International Doris Service and of presenting the technological changes which have been made to the system (Jason, Envisat and SPOT5 missions, 3rd generation beacons).



The seminar days will start on May 2 and are open to anyone who is interested in the subject (scientists, engineers, industrialists, program managers). They will be organised into half-days, each of which will include an oral session and a poster session. The posters will be displayed in a permanent 2-days exhibition.

The second day will be organised into workshops on the future International Doris Service and on the outlook for evolution of the Doris system. Each workshop will be introduced by a few papers and then continued in a form of a round-table discussion.

The working language will be English.



Chairperson:

Aenny CAZENAVE, GRGS/LEGOS, Toulouse, France

Scientific secretariat:

Gilles TAVERNIER, CNES, Toulouse, France

Members:

José ACHACHE, CNES, Paris, France

Sophie COUTIN-FAYE, CNES, Toulouse, France

Hermann DREWES, DGFI, Munich, Germany

Martine FEISSEL, IGN/LAREG, Marne la Vallée, France

Philip MOORE, Department of Geomatics, Newcastle University, U.K.

Carey NOLL, NASA GSFC, Greenbelt, MD, USA

Christoph REIGBER, GFZ, Postdam, Germany (TBC)

John RIES, University of Texas CSR, Austin, TX, USA

Luis RUIZ, CNES, Paris, France

Philippe VIDAL, INSU, Paris, France

Pascal WILLIS, IGN/LAREG, Marne la Vallée, France



Chairperson:

Agnès LETRAUBLON, CNES, Toulouse, France

Members:

Nicole BELLEFOND, CNES, Toulouse, France

Joëlle GUINLE, CNES, Toulouse, France

Véronique HUIX, CTA, Toulouse, France

Karin MOENS, CTA, Toulouse, France

Alain ORSONI, IGN, Toulouse, France

Laurent SOUDARIN, CLS, Ramonville-St-Agne, France

**TOPIC 1: DORIS program**

- o Missions
- o System
- o Network
- o DORIS Pilot Experiment (future International DORIS Service)

TOPIC 2: Results

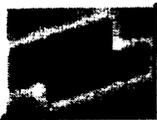
- o Orbit determination
- o Localisation and applications
- o Autonomous navigation

TOPIC 3: Workshops: International DORIS Service

- o Service components
- o Organisation, relations with the other international services

TOPIC 4: Workshops: System and performances evolutions

- oPlanned evolutions
- oUsers needs



Abstracts will be submitted in English and should be sent before December 17, 1999.

Those received after this date will only be taken into account if space so permits.

Acceptance letters will be sent at the end of January 2000.

As the number of oral presentations will be limited, poster presentations will be granted a special focus. Authors are encouraged to submit their abstracts via the interactive Web form at the following address:

http://cddisa.gsfc.nasa.gov/DorisDays_register.html

Those persons who do not have access to Internet, may send their abstract (on paper and

including a PC file) to the following address:

CAPITOLE TOURISME AFFAIRES - DORIS Days
22 avenue de Purpan - 31700 Blagnac - France
Tel : +33 5 61 71 09 92/95 - Fax : +33 5 61 71 44 37

Email: cta@pyrenet.fr

Abstracts should be submitted in the following format:

- an A4 format, maximum one page,
- upper, bottom, left, right margins of 2 cm,
- one line spacing,
- order of presentation: title in capitals, complete addresses of the author and co-authors



The texts delivered during the DORIS days will be published (without review) in the Proceedings which will be distributed on the first day, to all participants. All authors who are delivering a paper (to be given orally or via posters) are invited to submit an article for publication. Instructions for the writing of articles and the appropriate format will be sent with the acceptance letter. The camera-ready manuscript shall be due on March 17, 2000. Articles received after this date will not be included in the Proceedings.



Deadline for submitting abstracts: December 17, 1999

Selection of papers: January 18, 2000

Notifications to authors: End of January 2000

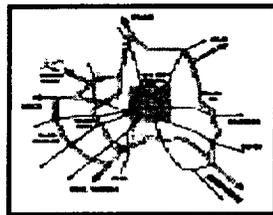
Second announcement: January 2000

Deadline for definitive papers: March 17, 2000

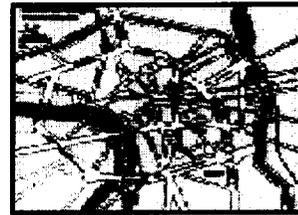


Registration fees are 1 206,00 FF VAT included (183,85 euros).

Registration fees include access to conference and poster rooms, lunches, coffee breaks and Proceedings.



Toulouse Access



Centre Access

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Further information may be obtained from:

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